

EXPRESS MAIL CERTIFICATE

Date 1/18/02 Label No. 5676772247705

I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

PLEASE CHARGE ANY DEFICIENCY UP TO \$300.00 OR CREDIT ANY EXCESS IN THE FEES DUE WITH THIS DOCUMENT TO OUR DEPOSIT ACCOUNT NO. 04-0100

DB Pock [Signature]  
Name (Print) Signature

Customer No.:



07278

PATENT TRADEMARK OFFICE

Docket No.: 3754/OK213

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Marie DUTREIX; Jian-Sheng SUN; Elodie BIET; Rosalee MAURISSE; Jean Paul FEUGEAS

Serial No.: NOT YET ASSIGNED

Filed: CONCURRENTLY HEREWITH

For: METHODS AND COMPOSITIONS FOR EFFECTING HOMOLOGOUS RECOMBINATION

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of  
Patents and Trademarks  
Washington, DC 20231

Sir:

In order to comply with 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the documents listed thereon.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing Form PTO-1449 next to the document. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

The undersigned is also enclosing herewith a copy of a Search Report issued August 28, 2001 for the European counterpart of the present patent application (Application No. PCT/IB01/00749), in which the presently disclosed references were cited. Since a translation of the Search Report is also enclosed, or the Search Report utilizes conventional codes to characterize each cited reference, it is believed that the applicants in the above-identified patent application have now met the "concise explanation" requirement of 37 C.F.R. 1.98.

This submission is filed within three months of the filing of the application.

The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56, but the citation of such document is not to be

construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner, in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104(a) and 1.106(b) and, in the course of each search, will review for relevance every document cited on the attached form even if not initialed.

It is believed that no fee is due. However, if the Commissioner determines that a fee is due, the Commissioner is hereby authorized to charge the above deposit account for any deficiency.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,

Dated: January 18, 2002



Marie L. Collazo  
Registration No. 44,085

DARBY & DARBY  
805 Third Avenue  
New York, NY 10022  
(212) 527-7700

**LIST OF REFERENCES CITED BY APPLICANT**

(Use Several Sheets if Necessary)

DOCKET NO.: 3754/OK213  
 APPLICANT: Marie DUTREIX  
 HERewith

SERIAL NO: NOT YET ASSIGNED  
 FILING DATE: CONCURRENTLY

CONFIRMATION NO:

**U.S. PATENT DOCUMENTS**

<u>*EXAMINER</u> <u>INITIALS</u>	<u>DOCUMENT</u> <u>NUMBER</u>	<u>DATE</u>	<u>NAME</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>FILING DATE</u>
-------------------------------------	----------------------------------	-------------	-------------	--------------	-----------------	--------------------

**FOREIGN PATENT DOCUMENTS**

<u>*EXAMINER</u> <u>INITIALS</u>	<u>DOCUMENT</u> <u>NUMBER</u>	<u>DATE</u>	<u>COUNTRY</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>TRANSLATION</u> <u>YES</u> <u>NO</u>
	1. 96/41008	Dec. 1996	PCT	C12Q	1/68	
	2. 00/09755	Feb. 2000	PCT	C12Q	1/68	
	3. 96/40271	Dec. 1996	PCT	A61K	48/00	
	4. 96/40711	Dec. 1996	PCT	C07H	21/00	

**OTHER REFERENCES****(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)**

\*EXAMINER  
INITIALS

5. Biet Elodie et al., "Stimulation of RecA-mediated D-loop formation by oligonucleotide-directed triple-helix formation: Guided homologous recombination (GOREC)" Biochemistry, vol. 40, no. 6, 13 Feb. 2001 pp 1779-1786.

6. H.B. Gamper et al., "Strand invasion of supercoiled DNA by oligonucleotides with a triplex guided sequence", J. Am. Chem. Society, vol. 120, 1998, pp. 2182-2183.

7. Culver Kenneth W. et al., "Correction of chromosomal point mutations in human cells with bifunctional oligonucleotides" Nature Biotechnology, vol. 17, no. 12, October 1999, pp. 989-993.

**LIST OF REFERENCES CITED BY APPLICANT**

(Use Several Sheets if Necessary)

DOCKET NO.: 3754/OK213  
APPLICANT: Marie DUTREIX  
HEREWITHSERIAL NO: NOT YET ASSIGNED  
FILING DATE: CONCURRENTLY

CONFIRMATION NO:

\*EXAMINER  
INITIALS

8. Chan Phillip P. et al., "Targeted correction of an episomal gene in mammalian cells by a short DNA fragment tethered to a triplex-forming oligonucleotide" Journal of Biological Chemistry, vol. 274, no. 17, 23 April 1999, pp 11541-11548.

9. Cole-Strauss Allyson et al., "Targeted gene repair directed by the chimeric RNA/DNA oligonucleotide in a mammalian cell-free extract", Nucleic Acids Research, vol. 27, no. 5, 1 March 1999, pp. 1323-1330.

10. Escude Christophe et al., "Padlock oligonucleotides for duplex DNA based on sequence-specific teiple helix formation" Proceedings of the National Academy of Sciences of the United States, vol. 96, no. 19, pp. 10603-10607.

EXAMINER: \_\_\_\_\_

DATE CONSIDERED: \_\_\_\_\_

\*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.